

Title (en)

IMAGE PROCESSING SYSTEM, IMAGE PROCESSING METHOD, AND PROGRAM

Title (de)

BILDVERARBEITUNGSSYSTEM, BILDVERARBEITUNGSVERFAHREN UND ENTSPRECHENDES PROGRAMM

Title (fr)

SYSTÈME DE TRAITEMENT D'IMAGE, PROCÉDÉ DE TRAITEMENT D'IMAGE ET PROGRAMME ASSOCIÉ

Publication

EP 2533191 A4 20130731 (EN)

Application

EP 11739601 A 20110112

Priority

- JP 2010246573 A 20101102
- JP 2010021138 A 20100202
- JP 2011050320 W 20110112

Abstract (en)

[origin: EP2533191A1] An objective of the present invention is to provide a technique capable of generating a virtual viewpoint image without causing any visually uncomfortable feeling. In order to achieve this objective, a first image obtained by being captured from a first viewpoint at a first image capture time, and a second image obtained by being captured at a second image capture time different from the first image capture time are acquired. To each of pixels in a non-image capture area corresponding to a portion of a subject not captured in the first image of a first virtual viewpoint image that is generated in a pseudo manner based upon the first image and can be acquired by being captured from a first virtual viewpoint different from the first viewpoint, a pixel value is added in accordance with the second image.

IPC 8 full level

G06T 1/00 (2006.01); **H04N 13/111** (2018.01); **G01C 3/06** (2006.01); **H04N 13/211** (2018.01); **H04N 13/221** (2018.01)

CPC (source: EP US)

H04N 13/111 (2018.04 - EP US); **H04N 13/211** (2018.04 - EP US); **H04N 13/221** (2018.04 - EP US); **H04N 13/264** (2018.04 - EP US); **H04N 13/271** (2018.04 - EP US); **H04N 13/239** (2018.04 - EP); **H04N 2213/005** (2013.01 - EP US)

Citation (search report)

- [AP] WO 2010037512 A1 20100408 - FRAUNHOFER GES FORSCHUNG [DE], et al
- See references of WO 2011096252A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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EP 11739601 A 20110112; JP 2011050320 W 20110112; JP 2011552722 A 20110112; US 201113574962 A 20110112